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User manual

ARCHOS on the go

ARCHOS FM Remote Control

Stereo FM Radio / Remote Control / Microphone
for ARCHOS AV 400, AV500 and Gmini 500 series

User Manual for ARCHOS FM Remote Control (ref. 500 656) V2

Please visit our web site to download the most recent manual and software for this product.

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English

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1 The Archos FM Remote Control

This FM Remote control will allow you to:

- Play music files that are on your device.
- Record your voice with its microphone.
- Listen to FM Stereo radio.
- Record off the FM radio

1.1 Operation Modes

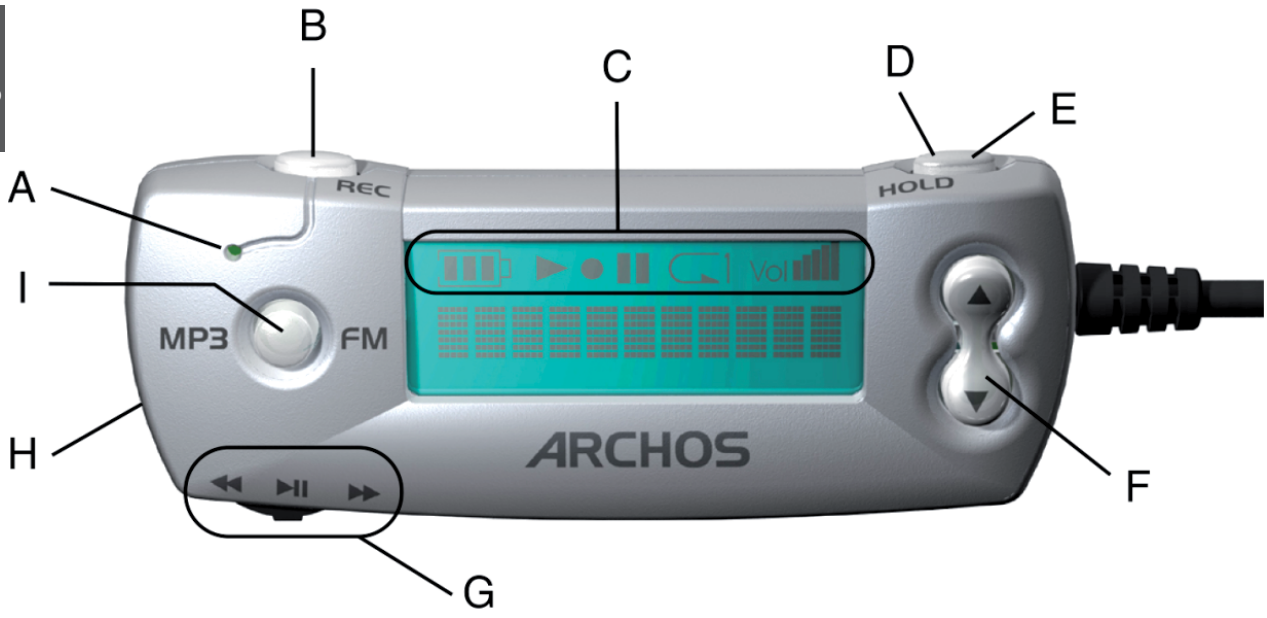
- Browse Mode: Allows browsing through files and folders on the device
- Play Mode: Plays music files from the device
- Voice Record Mode: Allows the recording of voice from the remote's microphone
- FM Play Mode: Plays from the built-in FM radio
- FM Record Mode: Records from the built-in FM radio

1.2 Connecting to your device

Plugging the connector into the multi-connect jack.

The FM remote is hot pluggable. You do not have to shut off the device in order to plug in the FM Remote control or remove it. Plug it in as shown. Now plug your headphones into the FM Remote Control itself.

Once connected, the regular buttons on the device will still work in addition to the remote control buttons.



A Built-in microphone

B Record voice or FM Radio

C Battery level / Playing / Recording / Paused / Repeat play / Volume level

D HOLD: Press Hold for 3 seconds to de-activate/reactivate all buttons

E FM Mode: Short press changes between Stereo and mono reception

Browse Mode: Short press moves browser up to the parent directory

F Increase +: Volume Up

Decrease - : Volume Down

G Rocker Control : (left, right, center click)

Browse Mode: Left: Previous item in current directory

Right: Next item in current directory

Center: Play song / Pause / Enter directory

FM Mode: Left: Go down the FM band or to previous preset

Right: Go up the FM band or to next preset

Center: Change FM mode (Preset/Manual/Search)

Center: (Long) Make a preset at the current frequency or delete current preset (preset mode)

H 3.5mm jack for headphones

I (Quick press) Switch between FM mode and MP3 (browse) mode. Stop/Esc.

(Long press) Go back to home <Music> icon.

Hold for 3 seconds to turn off device.

English

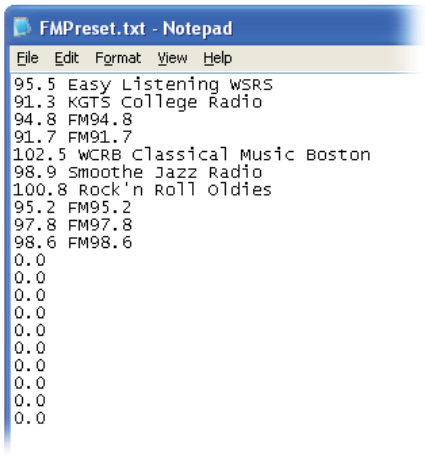
2 How to Use the Radio and MP3 Functions

2.1 Playing Music files

You can connect your FM Remote to the device at any time. The remote's screen will show your current directory or the file name you are currently playing. Make a long press on the FM/MP3 mode button and you will be sent to the main screen of the device. You can choose for example the <Music> or <Browser> icon. Move the remote's rocker control left and right (◀◀/▶▶) to use it as you would use the UP/DOWN buttons. Press the rocker control into the remote control (▶ II) whenever you would use the ENTER/PLAY ● button on the device. This will allow you to search your directory structure to find songs and playlists that you want to play. If you are in the FM mode, just click on the MP3/FM button to go to MP3 mode. Use the Increase ▲ and Decrease ▼ buttons on the Remote FM to control headphone volume.

2.2 Tuning the Radio

Once the remote is plugged in, click on the mode button MP3/FM to go to the radio mode. Use the rocker control Left ◀◀ and Right ▶▶ to go up and down the frequency range. A short press on the rocker button will rotate through the three FM tuning modes, Preset (you can choose one of your 20 preset stations), Manual (tune your station manually), Search (let the radio search for the next clear station). Press the MP3/FM button to leave the Radio mode and go back to the MP3 mode.



2.3 Making a Radio Preset

You can save up to 20 preset stations with the FM remote control. Once you have found the radio frequency you want to save as a preset, press and hold the rocker PLAY ▶ button for 3 seconds. The Re-

mote will show P2 Saved, for example, indicating that this radio station is now program number 2. If you would like to erase a preset station, go to the tuning Preset mode, scroll to the preset number you want to clear, then hold down on PLAY ▶ for three seconds. You now have a free program slot to make a different FM preset.

If you would like to name your Preset radio stations, you can do this by editing, with a text editor such as Notepad (Windows®) or SimpleText (Macintosh®), the file FMPreset.txt which you will find in the System folder on the root directory of the device's hard drive. Each line of the text file should contain the station frequency, a space, and then the name of the station. You can also download a Windows® based program created by Archos that can create the FMPreset.txt file for you by just typing in the names of the stations and their respective frequencies. You can download this at www.archos.com under the category Download > Software > FM Preset Editor.

2.4 Locking the buttons

Use this feature if you would like to prevent the FM Remote from changing stations or settings accidentally if a button is pressed or hit. Hold down for three seconds on the HOLD button to activate this. The buttons will be locked and not respond if pressed. To de-activate HOLD and make the buttons usable, press the HOLD button again for 3 seconds. Using the HOLD on the Remote will lock both the Remote's buttons and the device's buttons. On the AV 400, you can also hold down on the left function button of the device to de-activate HOLD. On the AV 500 and Gmini 500, use the **Unlock** action icon.

2.5 Recording from the Microphone

First make sure you are in the MP3 mode (MP3/FM button to change modes). Simply click once on the REC button and the recording starts. The REC button will light up red to indicate that you are making a recording. When you are done, click on REC again and the recording will finish and write to your hard drive. Your recorded file will be saved in the last folder that was used for audio recording.

For example, if you have a folder **/HD/Music/Voice** that you made an audio recording in, then the next time you click the REC on the remote control, it will save the file to that **Voice** folder. The file name for this recording will be **VOICExxxx**, where xxxx are incremental numbers. During the recording, you can change the recording

gain. Press the rocker control to the left ◀◀ (less gain) when the sound you're recording is loud, or to the right ▶▶ (more gain) when the sound is soft.

Note that the actual recording quality parameters are those that are set in **AudioCorder** for recording from the **Analog Line-in** settings.

2.6 Recording from the Radio

When you hear something on the radio you would like to record, click once on the REC button. The REC button will light up red to indicate that a recording is taking place. Click it again when you want to stop the recording. Your recorded file will be saved in the last folder that was used for audio recording. For example, if you have a folder **/HD/Music/Radio** that you made an audio recording in, then the next time you click the REC on the remote control, it will save the file to that **Radio** folder. The file name for this recording will be **RADIOxxxx**, where xxxx are incremental numbers. During the recording, the gain is fixed so that you get the best possible radio recording.

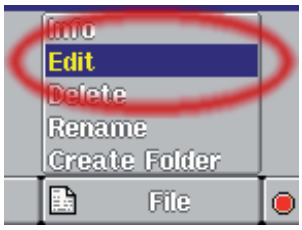
2.7 Retro Recording and Editing

Retro-recording

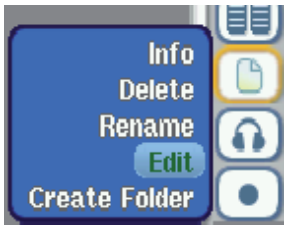
This is a feature that allows you to capture the 30 seconds (approximately) of radio broadcast before the record button is pressed. It does this by continuously recording a 30 second loop of music in a buffer. Then, when you click on **Rec** to record the radio, it adds this 30 seconds to the beginning of your recording. This way, if you start recording a radio song after it has started, you will actually have the entire song in the recording. The Retro-Record setting must be set to **On** in order for this to work. See the description in section 2.8 on how to turn on or off the Retro-record function.

Editing

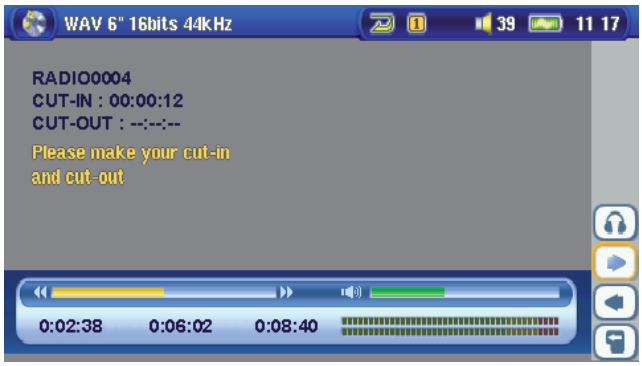
Once a retro-recorded song has been recorded, it can be edited on the device itself. Often, the beginning of the recording will include a commercial or announcer talk that you do not want to keep, but was also recorded during the buffered 30 seconds.



To enter the Audio Edit screen, locate and highlight the recorded radio file on your device and then click on the center function button **File** (AV 400)/action icon **File management** (AV 500, Gmini 500) and then select **Edit**.



AV 400: Edit screen



AV 500, Gmini 500: Edit screen

Shown here is the Audio Edit mode. You will notice that your radio recording has started to play. It will continuously loop so that you can hear the changes to it as the Cut-INs and Cut-OUTs are made. As normal, when playing a song, you can use the Reverse ◂ and Forward ▸ buttons to move back and forward within the song. While the song is playing, wait for the precise moment that you want the edited song to start and select the left function button/action icon **Cut-IN**.

This is the point that your new edited song will start. You will notice that the song length will be reduced. This is normal, because you just shortened the song with the cut. You will also notice the point at which the cut was made at the Cut-IN indicator (0:00:12 in the example screen).

Let the song continue (or fast forward it) and then at the precise moment you want the edited song to stop, select the right function button (AV 400)/action icon (AV 500/Gmini 500) **Cut-OUT**. This is the point that your new edited song will stop. You can let the song loop so that you can listen to and verify that the cuts you made are to your liking. If not, Click on the STOP to clear the edit points and re-edit the cuts, or just exit the audio editor without changing the radio file. Once you are satisfied with the edit, use the center function button/action icon Save to save your edit as a new file. The device will execute a read/write process and create a new file named *oldfilename_Edit* and place it in the same directory as the original file.

2.8 Setting Parameters

To change the Remote FM parameters, you must attach the FM remote control, enter FM mode, and then select the center function button **Settings**/action icon **Contextual Settings** on the device.

FM Band

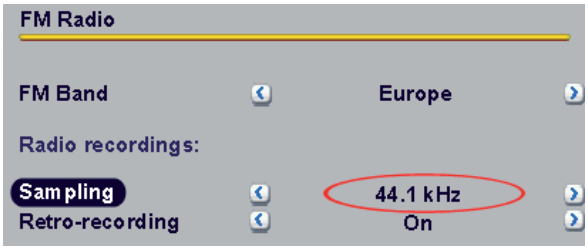
Make sure you have the correct FM setting. Go to the parameter **FM Band**. The specifications for the modes are as follows:

USA: 87.5 - 108 Mhz de-emphasis 75µs

Europe: 87.5 Mhz – 108 Mhz de-emphasis 50 µs

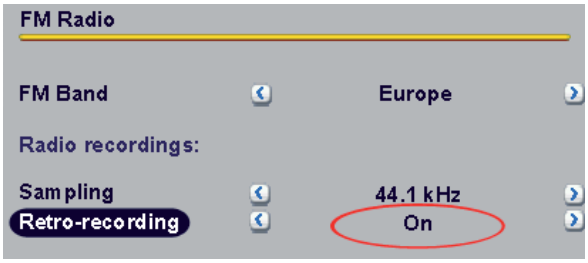
Japan: 76 Mhz - 91 Mhz de-emphasis 50 µs

Radio Recording



You can adjust the quality of the FM recording with this setting. A sample rate of 44.1 kHz corresponds to CD quality. The higher each of these settings is made, the more space will be consumed on your hard drive for each recording. Your recording will be saved in a compressed .WAV format (ADPCM).

Retro-Recording



To activate the Retro-Recording function, set it to **On**. Each time you make a recording from the radio, you will get approximately 30 seconds of what was playing from the radio before you had pressed the REC button. When off, radio recordings start within a second of the moment you click the REC button.

3 Technical Support

In case you should encounter any technical difficulties using your product, we suggest you go through these steps in order to resolve any issues as efficiently as possible:

1) Please read carefully through the appropriate sections of this manual. Some subject areas may be treated in two different chapters depending on how the device is being used.
2) Look at the Troubleshooting section at the back of this manual. In this section, we have included answers to some commonly asked questions.
3) Look at our Support section on the website (www.archos.com). Here, you will find Frequently Asked Questions (FAQ) for our different products, and there is a chance that somebody else has already asked your question.
4) If these steps did not help you in resolve your technical difficulty, you can always contact us either via email or by calling the helpline. Telephone support will be provided in the language of the countries listed at the end of this manual. For other countries, please use email technical support.

DO NOT USE phone or e-mail support for marketing and sales questions. These numbers are to aid those who have technical difficulties / malfunctions.

4 Troubleshooting

Problem: None of the buttons on the remote control respond.

Solution: Did you press and hold the HOLD button? This locks the operation of all buttons on the remote control. Hold the HOLD button for 3 seconds to turn the hold function on or off.

Problem: The sound quality of the FM radio is not so good.

Solution: Your headphone cable acts as the antenna for the FM radio. Try moving the cable or turning it toward another direction. You could also check to make sure the correct region is selected under the parameter FM Band (USA, Europe, Japan).

Problem: My preset radio stations do not work correctly or are no longer available.

Solution: This could be due to the fact that either the file FMPreset.txt has incorrect lines in it or that this file had been deleted from the System folder of your device. Download from the Archos website the FM Preset Editor program to help you to easily enter the radio stations and their names for your presets.

Question: I always miss the beginning of the songs I want to record, what can I do?

Answer: Set the Retro-Record to On. This way, when you start a radio recording, the device will actually include the previous 30 seconds in the recording. You can then later edit out the parts you don't want with the Audio Edit function.

Question: Why can I only edit some of my music files?

Answer: Only radio recordings can be edited.

Question: How can I shut off my device with the remote FM?

Answer: Hold down on the MP3/FM button for 3 seconds.

Question: How can I turn on my device with the Remote FM?

Answer: This cannot be done. You must turn on the device the normal way.

5 Warranty and Limited Liability

This product is sold with a limited warranty and specific remedies are available to the original purchaser in the event the product fails to conform to the limited warranty. Manufacturer's liability may be further limited in accordance with its sales contract.

In general, the manufacturer shall not be responsible for product damages caused by natural disasters, fire, static discharge, misuse, abuse, neglect, improper handling or installation, unauthorized repair, alteration or accident. In no event shall the manufacturer be liable for loss of data stored on disk media.

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Please see your sales contract for a complete statement of warranty rights, remedies and limitation of liability.

Furthermore, warranty does not apply to:

1. Damages or problems resulting from misuse, abuse, accident, alteration or incorrect electrical current or voltage.
2. Any product tampered-with or damaged warranty seal or serial number label.
3. Any product without a warranty or serial number label.
4. Batteries and any consumable items delivered with or in the equipment.

Warnings and Safety Instructions

CAUTION

To prevent risks of electric shock, this unit must only be opened by qualified service personnel.

Power off and disconnect the power supply cable before opening the unit.

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

Use of this product is for personal use only. Copying CDs or loading music, video, or picture files for sale or other business purposes is or may be a violation of copyright law. Copyrighted materials, works of art, and/or presentations may require authorization to be fully or partially recorded. Please be aware of all such applicable laws concerning the recording and use of such for your country and jurisdiction.

FCC Compliance Statement

FCC Compliance

This equipment has been tested and found to comply with limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION : Modifications not authorized by the manufacturer may void users authority to operate this device.

FCC Part 15 - Operation is subject to the following two conditions:

1. This device may not cause harmful interference;

2. This device must accept any interference received including interference that may cause undesired operation.

Electrostatic Discharge

Note: During electrostatic discharge, the product may be malfunctioning. Reset the device to return normal operation. The device reset is actuated by pressing and holding the STOP/ESC button for 10 seconds. The unit will power off. Restart normally.

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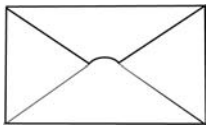

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España	09-1745-6224	Suomi	09 2311 3434
France	01 70 20 00 30	Svenska	08 579 290 80
Ireland	01-601-5700	UK	0207-949-0115
Italia	02-4827-1143	USA	877-300-879 (toll free)

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